

COMBINED DECLARATION AND POWER OF ATTORNEY
(ORIGINAL, DESIGN, NATIONAL STAGE OF PCT)

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

Title: **SPACERS WITH A GRADED DIELECTRIC CONSTANT FOR SEMICONDUCTOR DEVICES HAVING A HIGH-K DIELECTRIC**

the specification of which

☒ is attached hereto, or

☐ was filed as United States Application No.:
Application or PCT International (Express Mail Label No.)
Application (give Express Mail Filing Date:
label number and deposit date if (Deposit Date)
Application number not yet known): Amended on (if applicable):

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the patentability as defined in Title 37, Code of Federal Regulations § 1.56(a).

CLAIM FOR BENEFIT OF EARLIER U.S./PCT APPLICATION(S) UNDER 35 U.S.C. 120

I hereby claim the benefit under 35 U.S.C. 120 of any United States application(s) or PCT international application(s) designating the United States of America that is/are listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of 35 USC 112, I acknowledge the duty to disclose material information as defined in 37 CFR 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

Application No.	Filing Date	Patent Number

CLAIM FOR BENEFIT OF EARLIER U.S. PROVISIONAL APPLICATION(S) UNDER 35 U.S.C. 119(e)

I hereby claim the benefit under 35 USC 119(e) of any United States provisional application(s) that is/are listed below

Application No.	Filing Date

POWER OF ATTORNEY

As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith. (List name and registration number)

Name	Registration No.	Name	Registration No.
Warren A. Sklar	26,373	Neil A. DuChez	26,725
Mark D. Saralino	34,243	M. David Galin	41,767
Jonathan A. Platt	41,255	Cynthia S. Murphy	33,430
Thomas W. Adams	35,047	Joseph J. Crimaldi	41,690
Paul R. Steffes	43,156	Andrew Romero	43,890
Michael D'Aurelio	40,977	Todd R. Tucker	40,850
Elizabeth A. Apperley	36,428	Richard J. Roddy	27,688
Paul S. Drake	33,491	Michael Caywood	37,797
Bradley Botsch	34,552	Harry A. Wolin	32,638
Rajendra Jaipershad	44,168	Daniel R. Collopy	33,667
Diana Roberts	36,654		

Send Correspondence To:

Andrew Romero
Renner, Otto, Boisselle & Sklar, LLP
1621 Euclid Ave. - 19th Floor
Cleveland, Ohio 44115

Direct Telephone Calls To:

Name: Andrew Romero
Tel. No: 216/621-1113
Fax No: 216/621-6165

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with knowledge that willful false statements and the like are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

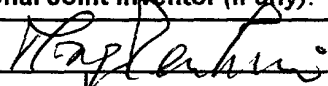
Full Name of Sole or First Inventor: William George En	
Inventor's signature: <i>William G. En</i>	Date: 2/21/02
Residence: (City & State/Country): Milpitas, California USA	Citizenship: USA
Post Office Address: 495 Alexander Way, Milpitas, California 95035 USA	

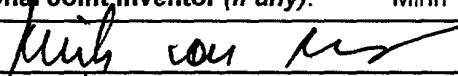
Full Name of Additional Joint Inventor (if any): Arvind Halliyal	
Inventor's signature: <i>A. Halliyal</i>	Date: 9/25/02
Residence: (City & State/Country): Cupertino, California USA	Citizenship: India
Post Office Address: 20679 Shelly Drive, Cupertino, California 95014 USA	

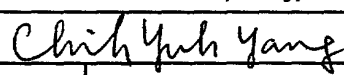
CHECK FOR ANY OF THE FOLLOWING ADDED PAGES(S)
WHICH FORM A PART OF THIS DECLARATION

- ☒ Signature for third and subsequent joint inventors. Number of pages added 1.
☐ Added page to combined declaration and power of attorney for divisional, continuation, or continuation-in-part (CIP) application.
☐ This declaration ends with this page.

**ADDED PAGE TO COMBINED DECLARATION AND POWER OF ATTORNEY
FOR SIGNATURE BY THIRD AND SUBSEQUENT INVENTORS**

Full Name of Additional Joint Inventor (if any): Ming-Ren Lin			
Inventor's signature:		Date:	2/22/02
Residence: (City & State/Country):	Cupertino, California USA	Citizenship:	USA
Post Office Address:	10970 Santa Teresa Drive, Cupertino, California 95014 USA		

Full Name of Additional Joint Inventor (if any): Minh Van Ngo			
Inventor's signature:		Date:	2/21/02
Residence: (City & State/Country):	Fremont, California USA	Citizenship:	USA
Post Office Address:	40986 Canyon Heights Drive, Fremont, California 94539 USA		

Full Name of Additional Joint Inventor (if any): Chih-Yuh Yang			
Inventor's signature:		Date:	2/21/02
Residence: (City & State/Country):	San Jose, California USA	Citizenship:	USA
Post Office Address:	1144 Little John Way, San Jose, California 95129 USA		